



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 19, 2018

Natasha Dixon  
Regulatory Manager, Biologics  
Bayer CropScience  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation  
Amendment – Revision to the Basic Confidential Statement of Formula (CSF) to Add  
an Inert, Update Inert Supplier Information, Correct Percentage of Active Ingredient;  
Revision to Label to Update: Ingredient Statement, Establishment Number, Respirator  
Statements, and Use Rate Directions  
Product Name: Contans WG  
EPA Registration Number: 264-1174  
Application Date: 06/04/2015  
OPP Decision Number: 513606

Dear Natasha Dixon:

The amended labeling and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following acceptable CSF:

- Basic CSF dated 11/29/2018

Any CSFs other than that listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling

or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Susanne Cerrelli by phone at (703) 308-8077 or via email at [cerrelli.susanne@epa.gov](mailto:cerrelli.susanne@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is stylized and cursive.

Seiichi Murasaki, Senior Regulatory Advisor  
Microbial Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure: Stamped Label

# Contans<sup>®</sup> WG

## Biological Fungicide

For agricultural, greenhouse and nursery uses to reduce/control *Sclerotinia sclerotiorum* and *Sclerotinia minor* in the soil.

<b>ACTIVE INGREDIENT:</b>	
<i>Coniothyrium minitans</i> strain CON/M/91-08.....	5.00%
<b>OTHER INGREDIENTS:</b> .....	95.00%
<b>TOTAL:</b> .....	100.00%

Contains a minimum of 1.0 x 10<sup>9</sup> cfu/gram

EPA Reg. No: 264-1174

EPA Est. No: 264-DEU-001

[The active ingredient of Contans WG is exempt from the requirement of a tolerance for residues in and on all food commodities, and can be used in any agricultural soil without rotational crop restrictions.]

KEEP OUT OF REACH OF CHILDREN

### CAUTION

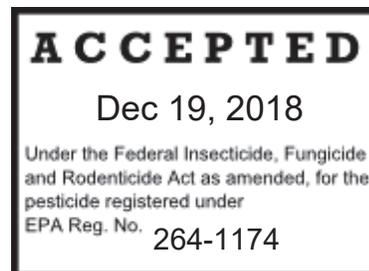
For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-800-331-2867

[Note: All text in brackets is optional language for the final printed container label.]

FIRST AID	
If swallowed:	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If on skin or clothing:	<ul style="list-style-type: none"><li>• Remove contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If inhaled:	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice</li></ul>
In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	

[Distributed by:  
**Sipcam Agro USA, Inc.**  
2525 Meridian Parkway, Suite 350  
Durham, NC 27713]

Batch Code:



# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Harmful if swallowed, if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Waterproof gloves
- Shoes plus socks.

All mixer/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter.

Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove PPE immediately after handling this product.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry intervals (REI). The requirements on this box/bag only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 4 hours. For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear:

- Coveralls
- Waterproof gloves
- Shoes plus socks.

## PRODUCT INFORMATION

- Contans WG is a water dispersible granule for the reduction/control of *Sclerotinia sclerotiorum* and *Sclerotinia minor* in agricultural, nursery, and greenhouse soils.
- Contans WG is registered to be used on soils where plants susceptible to *Sclerotinia sclerotiorum* and *Sclerotinia minor* are grown. These plants include brassica (cole) leafy vegetables, bulb vegetables, cereal grains, cucurbit vegetables, fruiting vegetables, herbs & spices, leafy vegetables, legume vegetables, non-grass animal feeds, oilseed crops, ornamentals, root & tuber vegetables.
- For use in pre-plant, in crop, postharvest by broadcast, band, and aerial applications (See APPLICATION INFORMATION)
- Contans WG is intended for use as part of an Integrated Pest Management (IPM) system. When used in conjunction with good cultural management practices and as part of a complete disease control program, Contans WG reduces/controls soil infestations of *Sclerotinia sclerotiorum* and *Sclerotinia minor*.
- Contans WG is a useful tool in a managing fungicide resistance.
- See your Contans WG distributor for tank mix compatibility.

## MIXING DIRECTIONS

Determine the volume of water needed to provide thorough coverage of the soil in the treatment area. The amount of water needed will depend on the weather, spray equipment and local experience. Partially fill the spray tank with clean water and begin agitation. Add the specified amount of Contans WG to the tank (consult application directions below). Finish filling the tank to the desired volume that provides maximum coverage. Maintain agitation throughout spray application. Do not allow spray mixture to stand overnight or for prolonged periods.

## APPLICATION INFORMATION

- When applied correctly, Contans WG will reduce inoculum loads of *Sclerotinia sclerotia* and hyphae in the soil and on crop residues.
- Apply Contans WG to the soil prior to planting, or at planting, or after crop emergence, or at time of transplant, or postharvest.
- Apply Contans WG prior to disease infection to obtain optimal efficacy.
- Use higher application rates when the weather conditions are expected to be conducive for disease development, if the field has a history of disease development, if disease pressure is high, if *Sclerotinia minor* is present, or if minimum/low/no-till programs are in place.
- Apply Contans WG directly to the soil surface and incorporate into the soil mechanically, by water irrigation, or by timely rainfall into the upper 1 to 2 inches of soil soon after application, when possible. Timely incorporation is very important in warm, dry climates such as the Western US.
- Contans WG must be applied directly to the soil surface, plant parts, and plant debris that eventually will have contact to the soil surface to become effective in attacking the white mold sclerotia and/or hyphae.
- Apply Contans WG when soil temperatures will remain below 81°F for 7 days.
- Contans WG is less effective in soils with temperatures below 50°F and over 81°F.
- Apply Contans WG to moist soil or growth media, but not to saturated or waterlogged soil. Soil or growth media must remain moist after Contans WG application to provide adequate control of soil-born fungal diseases listed on this label.
- In case of applications on or to dry soils, pre-irrigate until soil is moist. Then irrigate again immediately after application to incorporate product into the top 1 to 2 inches of soil.
- If the upper layer of Contans WG treated soil is disturbed after application (i.e. crop thinning, or cultivation which brings untreated sclerotia from lower soil layers to the top soil layer and disrupts the Contans WG hyphae growth process), a follow-up treatment of Contans WG is required.
- When Contans WG is applied to sterilized or fumigated soil, it must be applied after the sterilizing agent or fumigant has dissipated.
- Contans WG has no curative effect and therefore is not effective against plants infected with disease at the time of application.
- For maximum effectiveness, make 2 or more applications of Contans WG. Repeated use throughout the rotation may increase long term efficacy due to reduction of the pathogen.
- Apply the higher rate when known *Sclerotinia minor* exists in the soil.
- Contans WG is applied directly to the soil surface, using conventional spray equipment.
- Thorough and uniform broadcast or banded spray coverage in crop on the soil next to the plant stem, on plant parts that will eventually contact the soil next to the plant stem, or on postharvest crop residue, where plant infection occurs is required to provide effective disease control.
- For ground broadcast and band applications, apply Contans WG as a spray at a minimum volume of 10 gallons of water per acre prior to, at planting, just after planting, after transplant, or postharvest. Maintain agitation during spray operation. Thorough and uniform coverage of the soil surface is necessary. Incorporate Contans WG soon after application, using either light cultivation or by watering in using sufficient water to wet the upper 1 to 2 inches of soil.

- For application by air, apply Contans WG as a spray at a minimum volume of 2 gallons of water per acre prior to, at planting, just after planting, after transplant, or postharvest. When using very low water spray volumes, pre-slurry the Contans WG in water to disperse the product before adding to the spray tank. Maintain agitation during spray operation. Thorough and uniform coverage of the soil surface is necessary. Incorporate Contans WG soon after application, using either light cultivation or by watering in using sufficient water to wet the upper 1 to 2 inches of soil.
- When applying Contans WG post harvest and prior to replant of a susceptible crop, use a rate of 1 to 2 lbs per acre per application to soil after crop harvest. Allow adequate growing season time and/or soil temperature for Contans WG to remain actively growing to colonize and infect *Sclerotinia sclerotia*.
- Apply Contans WG to minimum-till or no-till fields, or postharvest to soil with plant debris. Contans® WG efficacy will be increased when product access to the soil is enabled by minimizing plant residue on the soil surface as much as possible before applying. This will allow for greater efficiency of the product to reduce inoculum loads of soil-born *Sclerotinia sclerotia* in the soil.
- Incorporate Contans WG soon after application into the upper 1 to 2 inches of soil by means of shallow mechanical incorporation by disc, cultivator, tiller or other similar equipment when available, or by overhead irrigation where available, or rain water. Incorporation is necessary especially in dry climates. This practice is not required, but will enable Contans WG to best perform under most conditions. For specific application situations and environments, discuss applications options with your field advisor or product distributor.

### USE RESTRICTIONS

- Do not tank mix with, or apply Contans WG within 7 days before or after use of other fungicide products
- For information on which pesticides can be mixed with Contans WG without harming the beneficial fungus it contains, contact your Technical Sales Representative [ or Sipcam Agro USA, Inc.]

### APPLICATION RATES:

**For agricultural uses** - Apply Contans WG to the soil at a rate of 1 to 4 lbs. per acre per application prior to planting, or at planting, after crop emergence, or after transplant, or postharvest. Contans WG may also be applied to plant debris that remains in the field after harvest, prior to replant of a susceptible crop. If incorporation will displace the soil greater than two inches, increase the application rate to 3 to 6 lbs. per acre. Make a maximum of eight (8) applications of Contans WG per season or per year, at labelled rates, as required to maintain disease control.

This product may be applied the day of harvest on all crops.

**For greenhouse, covered crops, and nursery uses** - Apply Contans WG at a rate of 0.75 -1.5 oz. per 1000 sq. ft. Make a maximum of eight (8) applications of Contans WG per season or per year, at labelled rates, as required to maintain disease control.

This product may be applied the day of harvest on all crops.

Susceptible Plants	Use Rate/ Application	Application Instructions
<b>Brassica (Cole) Leafy Vegetables:</b> Broccoli, Chinese broccoli (gai lon), broccoli raab (rapini), Brussels sprouts; cabbage; Chinese cabbage (bok choy, napa), Chinese mustard cabbage (gai choy), cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens; including cultivars, varieties, and/or hybrids of these	1 to 4 lbs/A (field & chemigation applications)	<p><b>Field applications:</b> Make broadcast applications and incorporate Contans WG into top 2 inches of soil by light mechanical incorporation or by irrigation or rainfall soon after application, especially in warm, dry climates. Incorporate into top 2 inches of soil immediately after each application when possible. Do not tank mix with other fungicides. Rotation with other fungicides is allowed after 3 weeks following an application of this product.</p> <p><b>Chemigation applications:</b> This covers all methods of irrigation described as allowed in the text of this label.</p> <p><b>For field and chemigation applications:</b> apply the higher rate when <i>Sclerotinia minor</i> is present in field. Apply minimum 1 to 4 lbs/A 7 days prior to planting or at planting, or soon after planting followed by 1 to 4 lbs/A 14 to 21 days after first spray, or just after thinning. Incorporate into top 1 to 2 inches soil immediately after each</p>
<b>Bulb Vegetables:</b> Chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; elegans hosta; fritillaria, bulb; fritillaria, leaves; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; onion, macrostem; onion, pearl; onion, potato, bulb; onion, tree, tops; onion, Welsh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these	2.0 lbs/A [Leafy Vegetables including Brassica (Cole)]	
<b>Cucurbit Vegetables:</b> Chayote (fruit), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourd (includes hyotan, cucuzza, hechima, Chinese okra), <i>Momordica</i> spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber), muskmelon (includes true cantaloupe, cantaloupe, casaba, Santa Claus melon, crenshaw melon, honeydew melon, honey balls,	0.75 to 1.5 oz/1000 ft <sup>2</sup> (greenhouse & nursery applications)	

<p>Persian melon, golden pershaw melon, mango melon, pineapple melon, snake melon, and other varieties and/or hybrids of these), pumpkin, squash (summer, winter which includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash), watermelon; cultivars, varieties, and/or hybrids of these</p>		<p>application when possible. Do not tank mix with other fungicides. Rotation with other fungicides is allowed after 3 weeks following an application of this product.</p>
<p><b>Fruiting Vegetables (except cucurbits):</b> Eggplant, groundcherry (<i>Physalis</i> spp), pepino, pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo; cultivars, varieties, and/or hybrids of these</p>		<p><b>In Leafy Vegetables (except brassica vegetables):</b> apply at least 2 lbs/A immediately after thinning followed by a second application 14 days later. Make broadcast or banded applications with a minimum of a 12" total band width targeted at the crop stem. Incorporate Contans WG into top 2 inches of soil by light mechanical incorporation or by irrigation or rainfall soon after application, especially in warm, dry climates. Fields in which <i>Sclerotinia minor</i> is present, apply at least the 2.0 lb/A rate or higher in field or chemigation applications immediately after thinning followed by and application to plant debris immediately after harvest.</p>
<p><b>Herbs &amp; Spices:</b> Allspice, angelica, anise (including star), annatto (seed), balm, basil, borage, burnet, chamomile, caper buds; caraway; caraway, black; cardamom; cassia bark; cassia buds; catnip; celery seed; chervil (dried); chive; chive, Chinese; cinnamon; clary; clove buds; coriander leaf (cilantro or Chinese parsley); coriander seed (cilantro); costmary; culantro (leaf); culantro (seed); cumin; curry (leaf); dill (dillweed); dill (seed); fennel (common); fennel, Florence (seed); fenugreek; grains of paradise, horehound; hyssop; juniper berry; lavender; lemongrass; lovage (leaf); lovage (seed); mace; marigold, marjoram; mustard (seed); nasturtium; nutmeg; parsley (dried); pennyroyal; pepper, black; pepper, white; poppy (seed); rosemary; rue; saffron; sage; savory, summer and winter; sweet bay; tansy; cultivars, varieties, and/or hybrids of these</p>		<p><b>Greenhouse, covered crops, and nursery application:</b> Apply spray or drench to plug trays or pots. Apply the higher rate when <i>Sclerotinia minor</i> is expected after transplanted into field. Water in immediately after each application. Do not tank mix with other fungicides. Rotation with other fungicides is allowed after 3 weeks following an application of this product.</p>
<p><b>Leafy Vegetables (except brassica vegetables):</b> Amaranth (Chinese spinach), arugula (roquette), cardoon, celery (including Chinese), celtuce, chervil, chrysanthemum (edible-leaved, garland), corn salad, cress (garden, upland), dandelion, dock (sorrel), endive (escarole), Florence fennel, lettuce (head, leaf), orach, parsley, purslane (garden, winter), radicchio (red chicory), rhubarb, spinach (including New Zealand, vine), Swiss chard; cultivars, varieties, and/or hybrids of these</p>		
<p><b>Foliage of Legume Vegetables:</b> Any cultivar of bean (<i>Phaseolus</i>), field pea (<i>Pisum</i>) and soybean. Plant parts of any legume vegetable included in the legume vegetables that will be used as animal feed; cultivars, varieties, and/or hybrids of these</p>		

Susceptible Plants	Use Rate/ Application	Application Instructions
<p><b>Legume Vegetables (succulent &amp; dried):</b> Bean (<i>Lupinus</i>) (includes grain, sweet, white, and white sweet), bean (<i>Phaseolus</i>) (includes field, kidney, lima, navy, pinto, runner, snap, tepary, wax), bean (<i>Vigna</i>) (includes adzuki, asparagus, blackeyed pea, catjang, Chinese longbean, cowpea, crowder pea, moth, mung, rice, southern pea, urd, yardlong), broad bean (fava), chickpea (garbanzo), guar, jackbean, lablab bean, lentil, pea (<i>Pisum</i>) (includes dwarf, edible-podded, English, field, garden, green, snow, sugar snap), pigeon pea, soybean, soybean (immature seed), sword bean; cultivars, varieties, and/or hybrids of these</p>		
<p><b>Non-grass Animal Feeds (forage, fodder, straw, hay):</b> Alfalfa, velvet bean, clover (<i>Trifolium</i>, <i>Medicago</i>), kudzu, lespedeza, lupin, sainfoin, trefoil, vetch (including crown, milk); cultivars, varieties, and/or hybrids of these</p>		
<p><b>Oilseed Crops:</b> Borage, calendula, castor oilplant, Chinese tallowtree, cottonseed, crambe, cuphea, echium, euphorbia, evening primrose, flax seed, gold of pleasure, hare's ear mustard, jojoba, lesquerella, lunaria, meadowfoam, milkweed, mustard seed, Niger seed, oil radish, poppy seed, rapeseed, rose hip, safflower, sesame, stokes aster, sunflower, sweet rocket, tallowwood, tea oil plant, vernonia; cultivars, varieties, and/or hybrids of these</p>	<p>1 to 4 lbs/A (field &amp; chemigation applications)</p> <p>2.0 lbs/A [Leafy Vegetables including Brassica (Cole)]</p>	<p><b>Field applications:</b> Make broadcast applications and incorporate Contans WG into top 2 inches of soil by light mechanical incorporation or by irrigation or rainfall soon after application, especially in warm, dry climates. Incorporate into top 2 inches of soil immediately after each application when possible. Do not tank mix with other fungicides. Rotation with other fungicides is allowed after 3 weeks following an application of this product.</p> <p><b>Chemigation applications:</b> This covers all methods of irrigation described as allowed in the text of this label.</p> <p><b>For field and chemigation applications:</b> apply the higher rate when <i>Sclerotinia minor</i> is present in field. Apply minimum 1 to 4 lbs/A 7 days prior to planting or at planting, or soon after planting followed by 1 to 4 lbs/A 14 to 21 days after first spray, or just after thinning. Incorporate into top 1 to 2 inches soil immediately after each application when possible. Do not tank mix with other fungicides. Rotation with other fungicides is allowed after 3 weeks following an application of this product.</p>
<p><b>Ornamental Bulbs;</b> cultivars, varieties, and/or hybrids of these</p>		
<p><b>Ornamental Herbaceous Potted Flowers and Bedding Plants:</b> Chrysanthemums, cyclamen, geranium, hollyhock, lily, pansy, petunia, poinsettia, primrose, snapdragon; cultivars, varieties, and/or hybrids of these</p>	<p>0.75 to 1.5 oz/1000 ft<sup>2</sup> (greenhouse &amp; nursery applications)</p>	
<p><b>Leaves of Root and Tuber Vegetables (human food or animal feed):</b> Beet, garden; beet, sugar; burdock, edible; carrot; cassava, bitter and sweet; celeriac; chervil, turnip-rooted; chicory; dasheen (taro); parsnip; radish; radish, oriental (daikon); rutabaga; salsify, black; sweet potato; tanier; turnip; yam, true; cultivars, varieties, and/or hybrids of these</p>		
<p><b>Root &amp; Tuber Vegetables:</b> Arracacha, arrowroot, artichoke (Chinese, Jerusalem), beet (garden, sugar), edible burdock, edible canna, carrot, cassava (bitter, sweet), celeriac, chayote (root), turnip-rooted chervil, chicory, chufa, dasheen (taro), ginger, ginseng, horseradish, leren, turnip-rooted parsley, parsnip, potato, radish (including oriental), rutabaga, salsify (including black, Spanish), skirret, sweet potato, tanier, turmeric, turnip, yam bean, true yam, ; cultivars, varieties, and/or hybrids of these</p>		<p><b>Greenhouse, covered crops, and nursery application:</b> Apply spray or drench to plug trays or pots. Apply the higher rate when <i>Sclerotinia minor</i> is expected after transplanted into field. Water in immediately after each application. Do not tank mix with other fungicides. Rotation with other fungicides is allowed after 3 weeks following an application of this product.</p>

## **CHEMIGATION INSTRUCTIONS**

**Application through sprinkler:** Contans WG may be applied through sprinkler (overhead) systems either pre-plant or to crop stubble on lighter textured soils (sandy loams - sand) at a rate appropriate to the crop as above. If applied in this manner, irrigate with enough water to saturate the soil to a depth of at least 4 inches. Generally 3/4 - 1 inch of water will be enough for a good incorporation of Contans WG. If followed by tillage, do not disturb the soil below the treated soil layer (approximately 2 inches).

**Mixing instructions:** A supply tank is recommended. Mix Contans WG in the supply tank to a concentration appropriate to cover the intended acreage in one pass (example: 40 acres at 2 lbs. per acre will require 80 pounds in the supply tank). Agitation will be required for mixing and maintaining the suspension of the spores of the active agent in the injection solution. All of the Contans WG should be applied in one pass of the irrigation system.

Apply this product only through the following types of systems: sprinkler including center pivot, lateral move, side (wheel) roll irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration of your irrigation system, you should contact your State Extension Service specialists, equipment manufacturers or other experts.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

### **Chemigation Using Public Water Systems**

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

### **Chemigation Using Sprinkler Irrigation Systems**

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a dry cool place out of direct sunlight and away from heat sources at approximately 39°F. Keep from overheating. (Almacene en un lugar fresco seco fuera de luz directa del sol y lejos de fuentes de calor en aproximadamente 39°F. Mantenga de recalentar.)

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or, at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. **Do not reuse or refill this container.**

**Bag:** Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Plastic Container:** Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or dispose of empty package in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[batch codes are sticker applied to the front panel of every label on every product container]

## **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product at once for a refund of the purchase price. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability. These terms may only be modified by a written document signed by a duly authorized representative of Bayer CropScience LP.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

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**Net Weight: 25, 50 lbs.**



PRODUCED FOR



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